AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

Claims:

1. (original) A method of controlling the production of particulates in a subterranean wellbore comprising the steps of:

preparing a permeable cement composition comprising a hydraulic cement, water, and a degradable material capable of undergoing an irreversible degradation downhole;

placing the permeable cement composition in an annulus between a screen and the walls of the well bore adjacent to a fluid producing zone; and

allowing the permeable cement composition to form a permeable cement mass in the annulus.

- 2. (original) The method of claim 1 wherein the permeable cement composition further comprises a dispersant present in an amount sufficient to disperse the hydraulic cement and the degradable material within the permeable cement composition.
- 3. (original) The method of claim 2 wherein the dispersant is present in the permeable cement composition in an amount ranging from about 0.1% to about 5% by weight of the permeable cement composition.
- 4. (original) The method of claim 1 wherein the hydraulic cement comprises calcium, aluminum, silicon, oxygen, or sulfur.
- 5. (original) The method of claim 1 wherein the hydraulic cement comprises a Portland cement, pozzolana cement, gypsum cement, high alumina content cement, silica cement, high alkalinity cement, or low-density cement.
- 6. (original) The method of claim 1 wherein the hydraulic cement is present in the permeable cement composition in amount ranging from about 30% to about 70% by weight of the permeable cement composition.
- 7. (original) The method of claim 1 wherein the hydraulic cement is present in the permeable cement composition in an amount ranging from about 50% to about 60% by weight of the permeable cement composition.
- 8. (original) The method of claim 1 wherein the water is present in an amount sufficient to make the permeable cement composition a pumpable slurry.
- 9. (original) The method of claim 1 wherein the water comprises fresh water, salt water, or brine.
- 10. (original) The method of claim 1 wherein the water is present in an amount ranging from about 15% to about 40% by weight of the permeable cement composition.

- 11. (original) The method of claim 1 wherein the permeable cement composition further comprises a fluid loss additive.
- 12. (original) The method of claim 11 wherein the fluid loss additive is present in the present in the permeable cement composition in an amount ranging from about 0.1% to about 25% by weight of the permeable cement composition.
- 13. (original) The method of claim 1 wherein the permeable cement composition is mixed onthe-fly.
- 14. (original) The method of claim 1 further comprising before step (a) blending the permeable cement composition and transporting the permeable cement composition to the wellsite.
- 15. (original) The method of claim 1 wherein the degradable material comprises a degradable polymer or a dehydrated salt.
- 16. (original) The method of claim 15 wherein the degradable polymer comprises polyesters, poly(lactides), polysaccharides, aliphatic chitins. chitosans, proteins. poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic poly(glycolides), poly(orthoesters), polycarbonates, poly(amino acids); poly(ethylene oxides), polyphosphazenes.
- 17. (original) The method of claim 14 wherein the degradable polymer further comprises a plasticizer.
- 18. (original)The method of claim 1 wherein the degradable material comprises a stereoisomer of a poly(lactide).
- 19. (original) The method of claim 14 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.
- 20. (original) The method of claim 1 wherein the degradable material is present in an amount ranging from about 5% to about 70% by weight of the composition.
- 21. (original) The method of claim 1 wherein the degradable material comprises particles having a rod-like shape.
- 22. (original) The method of claim 1 wherein the permeable cement mass comprises channel-like voids.
- 23. (original) The method of claim 1 wherein the cement is a Portland cement and present in an amount of from about 30% to about 70% by weight of the permeable cement composition; the water is fresh water and is present in an amount of from about 15% to about 40% by weight of the cement composition; and the degradable material is a poly(lactic acid) particulate present in an amount of from about 5% to about 70% by weight of the permeable cement composition.

24. (original) A method of providing sand control in a subterranean formation penetrated by a well bore comprising the steps of:

providing a permeable cement composition comprising a hydraulic cement, water, and a degradable material capable of undergoing an irreversible degradation downhole;

placing the permeable cement composition into the subterranean formation by way of a well bore penetrating the formation; and

allowing the permeable cement composition to set therein to form a consolidated permeable cement mass to provide sand control.

- 25. (original) The method of claim 24 wherein the permeable cement composition further comprises a dispersant present in an amount sufficient to disperse the hydraulic cement and the degradable material within the permeable cement composition.
- 26. (original) The method of claim 25 wherein the dispersant is present in the permeable cement composition in an amount ranging from about 0.1% to about 5% by weight of the permeable cement composition.
- 27. (original) The method of claim 24 wherein the hydraulic cement comprises calcium, aluminum, silicon, oxygen, or sulfur.
- 28. (original) The method of claim 24 wherein the hydraulic cement comprises a Portland cement, pozzolana cement, gypsum cement, high alumina content cement, silica cement, high alkalinity cement, or low-density cement.
- 29. (original) The method of claim 24 wherein the hydraulic cement is present in the permeable cement composition in amount ranging from about 30% to about 70% by weight of the permeable cement composition.
- 30. (original) The method of claim 24 wherein the hydraulic cement is present in the permeable cement composition in an amount ranging from about 50% to about 60% by weight of the permeable cement composition.
- 31. (original) The method of claim 24 wherein the water is present in an amount sufficient to make the permeable cement composition a pumpable slurry.
- 32. (original) The method of claim 24 wherein the water comprises fresh water, salt water, or brine.
- 33. (original) The method of claim 24 wherein the water is present in an amount ranging from about 15% to about 40% by weight of the permeable cement composition.
- 34. (original) The method of claim 24 wherein the permeable cement composition further comprises a fluid loss additive.

- 35. (original) The method of claim 34 wherein the fluid loss additive is present in the present in the permeable cement composition in an amount ranging from about 0.1% to about 25% by weight of the permeable cement composition.
- 36. (original) The method of claim 24 wherein the permeable cement composition is mixed onthe-fly.
- 37. (original) The method of claim 24 further comprising before step (a) blending the permeable cement composition and transporting the permeable cement composition to the wellsite.
- 38. (original) The method of claim 24 wherein the degradable material comprises a degradable polymer or a dehydrated salt.
- 39. (original) The method of claim 38 wherein the degradable polymer comprises polysaccharides, chitins, aliphatic polyesters, poly(lactides), chitosans, proteins, poly(glycolides), poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic polycarbonates, poly(orthoesters), poly(amino acids); poly(ethylene oxides), polyphosphazenes.
- 40. (original) The method of claim 38 wherein the degradable polymer further comprises a plasticizer.
- 41. (original) The method of claim 24 wherein the degradable material comprises a stereoisomer of a poly(lactide).
- 42. (original) The method of claim 38 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.
- 43. (original) The method of claim 24 wherein the degradable material is present in an amount ranging from about 5% to about 70% by weight of the composition.
- 44. (original) The method of claim 24 wherein the degradable material comprises particles having a rod-like shape.
- 45. (original) The method of claim 24 wherein the permeable cement mass comprises channel-like voids.
- 46. (original) The method of claim 24 wherein the cement is a Portland cement and present in an amount of from about 30% to about 70% by weight of the permeable cement composition; the water is fresh water and is present in an amount of from about 15% to about 40% by weight of the cement composition; and the degradable material is a poly(lactic acid) particulate present in an amount of from about 5% to about 70% by weight of the permeable cement composition.
- 47. (currently amended) The method of claim 24 wherein the wellbore emprises includes a sand screen or a perforated shroud.

48. (original) A method of providing sand control in a wellbore penetrating a subterranean formation comprising the steps of:

placing a perforated shroud having perforations, the perforations being sealed by a temporary sealant, in the wellbore adjacent to a chosen subterranean interval;

providing a permeable cement composition, the permeable cement composition comprising a hydraulic cement, water, and a degradable material capable of undergoing an irreversible degradation downhole;

placing the permeable cement composition in an annulus between the perforated shroud and the chosen subterranean interval;

allowing the permeable cement composition to set to form a permeable cement mass in the annulus; and

removing the temporary sealant sealing the perforations of the perforated shroud to restore fluid communication between the well bore and the subterranean formation.

- 49. (original) The method of claim 48 wherein the degradable material comprises a degradable polymer or a dehydrated salt.
- 50. (original) The method of claim 49 wherein the degradable polymer comprises aliphatic polyesters, poly(lactides), polysaccharides, chitins, chitosans. proteins, poly(glycolides), poly(ε-caprolactones), poly(hydroxybutyrates), polyanhydrides, aliphatic poly(orthoesters), poly(amino poly(ethylene polycarbonates, acids); oxides), polyphosphazenes.
- 51. (original) The method of claim 49 wherein the degradable polymer further comprises a plasticizer.
- 52. (original) The method of claim 48 wherein the degradable material comprises a stereoisomer of a poly(lactide).
- 53. (original) The method of claim 49 wherein the dehydrated salt comprises anhydrous sodium tetraborate or anhydrous boric acid.
- 54. (original) The method of claim 48 wherein the degradable material is present in an amount ranging from about 5% to about 70% by weight of the composition.
- 55. (original) The method of claim 48 wherein the degradable material comprises particles having a rod-like shape.
- 56. (original) The method of claim 48 wherein the permeable cement mass comprises channel-like voids.

57. - 85. (Cancelled)